Issu	Classification

Applicati n N .	Applicant(s)	
09/234,490	IRIE ET AL.	
Examiner	Art Unit	
Kevin Quarterman	2879	

ORIGINAL			SSUE CLASSIFICATION CROSS PERSONNEL							
CLASS SUBCLASS C				CLASS	CROSS REFERENCE(S) SUBCLASS (ONE SUBCLASS PER BLOCK)					
313 489			313 359	484 885	485	SS PER BLUCK)				
INTERNATIONAL CLASSIFICATION					112	582				
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Kevin Quarterman 5/13/04 (Assistant Examiner) (Date)		NIMESHKUMAR D. PATEL SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2800				Total Claims Allowed: 27				
Sauch Mocley 6-10-19 (Legal Instruments Examiner) (Date)			mmary Examiner) (Oate)			O.G. Print Claim(s	O.G. Print Fig 3, 4			

	100 100 - 101
Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D.	☐ R.1.47
Final Original Original Original Final Original Final Original Final Final Original	Final Original 14
1 31 4 61	·
2 32 5 62 92 122 155	181
3 33 6 63 93 122 152	182
4 34 7 64 94 124 155	183
5 35 8 65 95 125	184
6 36 9 66 96 126 156	185
7 37 10 67 97 127 157	186
8 38 11 68 98 128 159	187
39 12 69 99 129	188
40 13 70 100 130 160	189 190
41 14 71 101 131	191
12 15 72 102 132 162	192
143 16 73 103 133 163	193
15 17 /4 104 134 164	194
16 16 105 135 165	195
17 19 76 106 136 166	196
19 20 77 107 137 167	197
19 46 23 78 108 138 168	198
20 50 25 00 109 139 169	199
21 51 20 00 110 140 170	200
22 52 27 60 111 141 171	201
23 53 21 82 112 142 172	202
24 54 22 84 143 173	203
25 55 86 144 174	204
26 56 96 145 175	205
27 57 87 117 146 176	206
28 1 58 88 117	207
29 2 59 89 110 148 178	208
30 3 60 90 119 149 179 180 180 180 180 180 180 180 180 180 180	209





SERIAL NUMBER		FILING DATE	CLASS	7	ROUP ART UNIT	ATTORNEY DO	CKET NO.
09/234,4	90	01/21/99	313		-2875- 2879	1082-102	7/JD
KATSUYA IR	IE, KAWASAI	KI-SHI, JAPAN;	FUMIHIR	O NAMIK	I, KAWASAKI-SH	II, JAPAN.	
APP							
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BQ 10	n						
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**FOREIGN . VERIFIED	APPLICATION JAPAN		10(1998	1171179	06/18/98		
KO,							,
Foreign Priority claim 35 USC 119 (a-d) co Verified and Acknow	V 4	es □no eyes □no □Met after		STATE OF COUNTRY	SHEETS DRAWING 12	TOTAL CLAIMS 22	INDEPENDENT CLAIMS 1
SUITE 500	ALSEY JR						
GAS DISCH	ARGE DISPLA	AY DEVICE WITH	PARTICAL	AR FILTE	R (HARACTERISTIC	ŗ	
FILING FEE RECEIVED \$796	No.	ority has been giv _ to charge/credit for the	DEPOSIT	ACCOUN	1.17 Fe	es (Filing) es (Processing es (Issue)	Ext. of time)